

Title (en)

Mobile terminal, wireless communications system and mobile terminal control method

Title (de)

Mobiles Endgerät, drahtloses Mobilfunksystem und Verfahren zur Steuerung eines mobilen Endgeräts

Title (fr)

Terminal mobile, système de communications sans fil et procédé de contrôle d'un terminal mobile

Publication

EP 1819099 B1 20131106 (EN)

Application

EP 07002712 A 20070208

Priority

- JP 2006031609 A 20060208
- JP 2006211329 A 20060802

Abstract (en)

[origin: EP1819099A1] A mobile terminal configured to constitute an ad hoc network together with a plurality of other terminals, the mobile terminal includes a packet relay unit configured to execute a relay operation of relaying a packet transferred between the other terminals. A packet transmitter is configured to execute a transmission operation of transmitting a packet generated in the mobile terminal to any one of the other terminals. A power supply manager is configured to execute a power supply control operation. A coordination controller is configured to cause the relay operation and the power supply control operation to be coordinated with each other, and to selectively control whether each of the relay operation, the transmission operation and the power supply control operation is executed.

IPC 8 full level

H04W 88/04 (2009.01); **H04W 52/00** (2009.01); **H04W 84/18** (2009.01)

CPC (source: EP US)

H04W 88/04 (2013.01 - EP US); **H04W 52/0219** (2013.01 - EP US); **H04W 52/0277** (2013.01 - EP US); **H04W 84/18** (2013.01 - EP US); **Y02D 30/70** (2020.08 - EP US)

Cited by

US9936459B2; WO2015018058A1

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

EP 1819099 A1 20070815; **EP 1819099 B1 20131106**; JP 2007243905 A 20070920; JP 4966603 B2 20120704; US 2007189257 A1 20070816; US 7848275 B2 20101207

DOCDB simple family (application)

EP 07002712 A 20070208; JP 2006211329 A 20060802; US 67276707 A 20070208